



## Computer Programming

### Associate of Applied Science Degree

**MAJOR CODE:** CP23    **REQUIRED CREDIT HOURS:** 65    **CIP Code:** 11.0201

**Location(s):** DeKalb/S.DeKalb/Newton/Online

**Program Description:** The Computer Programming Specialist program is designed to provide students with an understanding of concepts, principles, and techniques required in computer information processing. The program prepares students for technical areas of SQL, XHTML, system analysis and design, database management, networking concepts, and programming languages.

Course Number	Course	Credit Hours	Pre/Co-Requisite(s)
ENGL 1101	Composition and Rhetoric	3	Appropriate placement test scores
MATH 11XX	College Level Mathematics	3	Appropriate arithmetic placement test score
AREA II	Social/Behavioral Science Elective	3	
AREA IV	Humanities/Fine Arts Elective	3	ENGL 1101
ELECTIVE	AREA I, II, III, or IV	3	
COMP 1000	Introduction to Computers	3	Equivalent test score
CIST 1001	Computer Concepts	4	Provisional Admission
CIST 1210	Introduction to Oracle Databases	4	COMP1000, CIST1001
CIST 1305	Program Design and Development	3	Provisional Admission
CIST 1510	Web Development I	3	COMP1000, CIST1001
CIST 1601	Information Security Fundamentals	3	Provisional Admission
CIST 2921	IT Analysis, Design, and Project Management	4	CIST12x0 or CIST23x1
ACCT 1100 or BUSN 1300 or MGMT 1120	Financial Accounting I Introduction to Business Introduction to Business	4	Provisional Admission
CIST XXXX	Technical Elective	3	
Choose five courses from the following (at least two of which must be CIST23x2 or CIST23x3)			
CIST 2311	Visual Basic I	4	COMP1000, CIST1001, CIST1305
CIST 2312	Visual Basic II	4	CIST 2311
CIST 2313	Visual Basic III	4	CIST 2312
CIST 2341	C# Programming I	4	COMP1000, CIST1001, CIST1305
CIST 2342	C# Programming II	4	CIST 2341
CIST 2371	Java Programming I	4	COMP1000, CIST1001, CIST1305
CIST 2372	Java Programming II	4	CIST2371
CIST 2381	Mobile Application Development I	4	CIST1305
CIST 2382	Mobile Application Development II	4	CIST 2381, CIST 23x1
CIST 2383	User Experience	4	CIST 2382
<b>Total</b>		<b>65</b>	

**Notes**

- Course descriptions, and required pre/co-requisites are available in the college catalog, which can be found online at <https://www.gptc.edu/current-students/course-catalog/>
- Changes to program requirements can be made and will be properly communicated to students.

**Gainful Employment Information**

- Gainful employment information for this program can be found at: <https://www.gptc.edu/Computer%20Programming/ComputerProgrammingGE.html>

**Additional Information**

- As set forth in its student catalog, Georgia Piedmont Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status(except in those special circumstances permitted or mandated by law). Contact Dr. Perrin Alford, the ADA Coordinator at 404-297-0522, ext. 1231, ADA504Coordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkston, GA 30021, Room A-217; or Lolita Morrison, the Title IX Coordinator, at 404-297-9522, ext. 1210, TitleIXCoordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkston, GA 30021 Room A-157 for assistance.
- For more information about our graduation rates and other important program information, please visit our website at: <http://www.gptc.edu/wp-content/uploads/2018/02/Placement-rate-by-program.pdf>
- Georgia Piedmont Technical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate of Applied Science degrees, diplomas and technical certificates of credit. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Georgia Piedmont Technical College. The Commission should be contacted only if there is evidence that appears to support Georgia Piedmont Technical College's significant non-compliance with Commission requirements or standards. Inquiries related to normal and ongoing College operations such as admission requirements, financial aid, programs, etc., should be addressed directly to Georgia Piedmont Technical College and not to the Commission on Colleges.